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Zusammenfassung von JP 4055406 (A)

PURPOSE: To obtain the title catalyst providing a polymer having a narrow particle size and high bulk density by adding a liquid Ti compound to a liquid mixture of a halogen-containing Mg compound, an organic OH compound and specific carboxylic esters to give a solid and blending the solid with an organometallic compound.;

CONSTITUTION: (A) (i) a liquid mixture comprising a halogen-containing Mg compound, an organic hydroxy compound, an organic carboxylic ester shown by formula I (R<it>1</it>; is aryl; R<it>2</it>; is 1-5C hydrocarbon) and an organic carboxylic ester shown by formula II (R<it>2</it>; is 6-10C hydrocarbon) in the molar ratio of the compound shown by formula I to the compound shown by formula II of 0.1-5 in the total amounts of the compounds shown by formula I and formula II based on the halogen-containing Mg compound of 0.05-3 (molar ratio) is brought into contact with (ii) a liquid Ti compound to give a solid Ti catalyst component having $\bar{d}=6\mu\text{m}$ average particle diameter, which is blended with (B) an organometallic compound to give a catalyst. An olefin is polymerized or copolymerized in the presence of the catalyst.